

Form PTO-1449
REV. 1-84

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

LIST OF PRIOR ART CITED BY APPLICANT
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APPLICANT Johs et al.

FILING DATE GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
I.A.	AA	5373359	12/1994	Woolhan et al	356	328	
A	AB	566620	19/1997	Johs et al	356	369	
	AC	5521706	5/1996	Green et al	356	369	
	AD	5504582	4/1996	Johs et al	356	369	
	AE	5757494	5/1998	Green et al	356	369	
	AF	5956145	9/1999	Green et al	356	364	
	AG	5706212	1/1998	Thompson et al	364	525	
	AH	5963327	10/1999	He et al	356	369	
	AI	5872630	2/1999	Johs et al	356	369	
	AJ	405323	2/10/1997	Dill et al	356	118	
I.A.	AK	5946098	8/1999	Johs et al	356	364	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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Form PTO-1449 REV. 1-2000	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.	SERIAL NO.
		APPLICANT <u>Johr et al</u>	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
I.A.	AA	5 963 325	10/1999	Johr et al	356	364	
	AB	6 084 674	7/2000	Johr et al	356	364	
	AC	6 084 675	7/2000	Herzinger et al	356	369	
	AD	6 100 981	8/2000	Johr et al	356	364	
	AE	6 118 537	9/2000	Johr et al	358	369	
	AF	6 141 102	10/2000	Johr et al	356	364	
	AG	6 268 917	7/2000	Johr	356	369	
	AH	4 556 292	12/1985	Mathys et al	350	394	
	AI	5 475 525	12/1995	Tournais et al	359	245	
	AJ	4 826 321	5/1989	Coater et al	356	351	
I.A.	AK	RE 3 478 3	11/1994	Coater	250	372	

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Form PTO-1447 REV. 7-68 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.	SERIAL NO.
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)	APPLICANT <u>Johr et al</u>	
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U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		DOCUMENT NUMBER					DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
I.A.	AA	4	3	7	3	8	1	7	2/1983	Coater	356	384	
4	AB	5	0	4	5	7	0	4	9/1991	Coater	356	448	
	AC	4	6	4	7	2	0	7	3/1987	Bjork et al	356	369	
	AD	4	2	1	0	4	0	1	7/1980	Batten	356	369	
	AE	4	3	3	2	4	7	6	6/1982	STenbers et al	356	369	
	AF	4	3	5	5	9	0	3	10/1982	Scndercock	356	382	
	AG	4	8	3	8	6	9	5	6/1989	Manjoripur et al	356	369	
	AH	4	7	5	0	8	2	2	6/1988	Rosenwaig et al	356	445	
	AI	5	0	4	2	9	5	7	8/1991	Gold et al	356	369	
	AJ	2	7	0	0	9	1	8	2/1955	OSTerbers et al			
I.A.	AK	3	1	8	3	7	6	3	5/1965	Hoerter			

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Form PTO-1449
REV. 1-05

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
I.A.	AA	4105338	8/1978	Kuroha	356	118	
	AB	3992104	11/1976	Watanabe	356	117	
	AC	5329357	7/1994	Bernoux et al	356	369	
	AD	5581350	12/1996	Chen et al	356	369	
	AE	5608526	3/1997	Piwonke-Corle et al	356	369	
	AF	5596411	1/1997	Fanton et al			
	AG	5877859	3/1999	Aspner et al	356	364	
	AH	5798823	8/1998	Aspner et al	356	369	
	AI	5333652	7/1994	Finarov	356	369	
	AJ	5608526	3/1997	Piwonke-Corle et al	356	369	
I.A.	AK	5793480	8/1998	Lacey et al	356	73	

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I.A.	AA	4636075	1/1987	Knollenbers	356	336	
A	AB	4893932	1/1990	Knollenbers	356	369	
J	AC	4668860	5/1987	ANTHON	250	225	
I.A.	AD	5917594	6/1999	NORTON	356	327	
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PLEASE USE THE FOLLOWING FOR PTO FORM 1449 FOR ARTICLES

Paper by Johs, titled "Regression Calibration Method for Rotating Element Ellipsometers", Thin Solid Films, 234 (1993).

Paper, by Gottesfeld et al., titled "Combined Ellipsometer and Reflectometer Measurements of Surface Processes on Nobel Metals Electrodes", Surface Sci., 56 (1976).

Paper by Smith, titled "An Automated Scanning Ellipsometer", Surface Science, Vol. 56, No. 1. (1976).

Papers, by Azzam and Azzam et al. are also identified as concerning alternative approaches to the goal of the present invention, and are titled:

"Multichannel Polarization State Detectors For Time-Resolved Ellipsometry", Thin Solid Film, 234 (1993); and

"Spectrophotopolarimeter Based On Multiple Reflections In A Coated Dielectric Slab", Thin Solid Films 313 (1998); and

"General Analysis And Optimization Of The Four-Detector Photopolarimeter", J. Opt. Soc. Am., A, Vol. 5, No. 5 (May 1988); and

"Accurate Calibration Of Four-Detector Photopolarimeter With Imperfect Polarization Optical Elements", J. Opt. Soc. Am., Vol. 6, No. 10, (Oct. 1989);

Review paper by Collins, titled "Automatic Rotating Element Ellipsometers: Calibration, Operation and Real-Time Applications", Rev. Sci. Instrum., 61(8) (1990), is identified for general information.

Gilda B.

2/11/06